Clinicopathological description of 43 oncocytic adrenocortical tumors: importance of Ki-67 in histoprognostic evaluation

Titre	Clinicopathological description of 43 oncocytic adrenocortical tumors: importance of Ki-67 in histoprognostic evaluation
Type de publication	Article de revue
Auteur	Renaudin, Karine [1], Smati, Sarra [2], Wargny, Matthieu [3], Al Ghuzlan, Abir [4], Aubert, Sébastien [5], Leteurtre, Emmanuelle [6], Patey, Martine [7], Sibony, Mathilde [8], Sturm, Nathalie [9], Tissier, Frédérique [10], Amar, Laurence [11], Bertherat, Jerome [12], Berthozat, Claudine [13], Chabre, Olivier [14], Do Cao, Christine [15], Haissaguerre, Magalie [16], Pierre, Peggy [17], Briet, Claire [18], Vezzosi, Delphine [19], Lifante, Jean-Christophe [20], Pattou, François [21], Mirallié, Eric [22], Baudin, Eric [23], Cariou, Bertrand [24], Libé, Rossella [25], Drui, Delphine [26]
Editeur scientifique	Comete-Cancer Network, [27]
Editeur	Springer Nature [academic journals on nature.com]
Type	Article scientifique dans une revue à comité de lecture
Année	2018
Langue	Anglais
Date	19 Juin 2018
Pagination	1708-1716
Volume	31
Titre de la revue	Modern pathology
ISSN	1530-0285

Résumé en anglais	Oncocytic adrenocortical tumors are a rare subtype of adrenal tumors with challenging diagnosis and histoprognostic assessment. It is usually believed that oncocytic adrenocortical tumors have a more indolent clinical behavior than conventional adrenocortical tumors. As the Weiss score overestimates the malignancy of oncocytic adrenocortical tumors owing to intrinsic parameters, alternative scores have been proposed. The Lin-Weiss-Bisceglia score is currently recommended. We performed a large nationwide multicenter retrospective clinicopathologic study of oncocytic adrenocortical tumors. Among the 43 patients in our cohort, 40 patients were alive without disease, 2 patients died of their disease and 1 patient was alive with relapse after a median follow-up of 38 months (20-59). Our data revealed that over 50% of the oncocytic adrenocortical tumor cases were diagnosed as carcinoma whatever the classification systems used, including the Lin-Weiss-Bisceglia score. The exception is the Helsinki score, which incorporates the Ki-67 proliferation index and was the most specific prognostic score for oncocytic adrenocortical tumor malignancy without showing a loss in sensitivity. A comparison of malignant oncocytic adrenocortical tumors with conventional adrenocortical carcinomas matched for age, sex, ENS@T stage and surgical resection status showed significant better overall survival of malignant oncocytic adrenocortical tumors.
URL de la notice	http://okina.univ-angers.fr/publications/ua18403 [28]
DOI	10.1038/s41379-018-0077-8 [29]
Lien vers le document	https://www.nature.com/articles/s41379-018-0077-8 [30]
Titre abrégé	Mod. Pathol.
Identifiant (ID) PubMed	29921900 [31]

Liens

[1] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31712
[2] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30399
[3] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30396
[4] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31713
[5] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31714
[6] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=22687
[7] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=875
[8] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31715
[9] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=4994
[10] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31716
[11] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18601
[12] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31087
[13] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31717
[14] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=822
[15] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=32786
[16] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31719
[17] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31720
[18] http://okina.univ-angers.fr/claire.briet/publications
[19] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18646
[20] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=22947
[21] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31143
[22] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=22834

[23] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18659
[24] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=23047
[25] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18607
[26] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=18540
[27] http://okina.univ-angers.fr/publications?f%5Bauthor%5D=31724
[28] http://okina.univ-angers.fr/publications/ua18403
[29] http://dx.doi.org/10.1038/s41379-018-0077-8
[30] https://www.nature.com/articles/s41379-018-0077-8
[31] http://www.ncbi.nlm.nih.gov/pubmed/29921900?dopt=Abstract